

2-Phenylbenzimidazole sulphonic acids as UV-B filters

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Inventor: HEYWANG ULRICH DR (DE); SCHWARZ MICHAEL DR (DE); PFLUECKER FRANK DR (DE)

Applicant: MERCK PATENT GMBH (DE)

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Abstract of EP1167358

Unsubstituted and substituted 2-phenyl-benzimidazole-di- and -tri-sulfonic acid derivatives are new. Unsubstituted and substituted 2-phenyl-benzimidazole-di- and -tri-sulfonic acids of formula (I) are new: n = 0, 1 or 2; m = 2 or 3; R<1-5> = H, 1-8 C alkyl, 1-8 C alkoxy, hydroxy, sulfate, nitro, fluorine (F), chlorine (Cl), bromine (Br) or iodine (I); R<6> = 1-8 C alkyl or 1-8 C alkoxy. Independent claims are also included for: (1) cosmetic formulations with ultraviolet protection properties containing compound(s) (I); and (2) the preparation of (I).

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